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## Section 15 – Inspection and Screening Systems

### Overview

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This section was created in the current edition to improve the alignment of the SEL with the DHS Authorized Equipment List (AEL). It contains detection items used primarily for inspection and screening purposes. While primarily preventive, in some cases these items may be deployed in the course of response (for example, in an attempt to locate and disarm secondary devices). The IAB is therefore incorporating these items into a new SEL section, and providing information on features and operating considerations for use by the responder community.

This section consists mainly of new items, with one item moved from Section 7 of the previous edition. The Detection and Decontamination (D&D) SubGroup has agreed to assist in supporting this section.

### Changes for 2007

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The following item has been moved from Section 7 into this section:

- Monitors, Portal

The following new items have been added to this section:

- Radar, Ground/Wall Penetrating
- Systems, Personnel/Package Screening

### Online Selection Factors

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No selection matrix has been formulated for this section.

## Section 15 | Inspection and Screening Systems

Item Number/Title	Description	Features/Operating Considerations	Standards <sup>1</sup>
<b>IN - Inspection Systems</b>			
15IN-00-RADR*	Radar systems designed to penetrate walls or ground to allow detection of hidden objects.		
Radar, Ground/Wall Penetrating			
<b>SC - Screening Systems</b>			
15SC-00-PMON*	Systems to scan vehicles/cargo for radioactive content. Various sizes for vehicles, packages (large and small) and pedestrians.	Fixed or portable. Beta, gamma and neutron detectors; varied configuration by manufacturer. ----- Require radiation source to verify operation. Calibration requires service contract. Sensitivity requirements. ICostRating: \$\$\$ MCostRating: \$\$ Training: extensive	74
Monitors, Portal			
15SC-00-PPSS*	Fixed systems such as walk-through magnetometers and conveyor-belt x-ray systems used to screen personnel and packages for hazardous materials/devices.		
Systems, Personnel/Package Screening			

<sup>1</sup> Use numbers given to refer to Standards List at the end of this document.

\* Item has been moved or changed in the edition.